Specifications / Model Name	**Acer X1211K**
EMI/Safety Model No.	QNX1038
Projection System	DLP®
Display Panel	0.55" DarkChip™ 3 DMD
Resolution	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)
Computer Compatibility	IBM PC and Compatibles, Apple iMac/MacBook, and VESA Standards 1080p (1,920x1,080), WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480)
Video Compatibility	NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1080p), EDTV (480p, 576p), SDTV (480i, 576i)
Aspect Ratio	4:3 (Native), 16:9
Contrast Ratio	10000:1
Displayable Colors	1.07 Billion Colors
Brightness	2,500 ANSI Lumens (Standard), 2,000 ANSI Lumens (ECO)
Projection Lens	F = 2.56 ~ 2.8, f = 21.00mm ~ 23.00mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	29" (73cm) ~ 300" (762cm)
Projection Distance	3.9' (1.2m) ~ 37.2' (11.3m)
Throw Ratio	53"@2m (1.86 ~ 2.04:1)
Horizontal Scan Rate	30k ~ 100k Hz
Vertical Refresh Scan Rate	50 ~ 120 Hz
Lamp Type	Osram 180 W user replaceable P-VIP lamp
Lamp Life	5,000 Hours (Standard), 6,000 Hours (ECO), 7,000 Hours (ExtremeEco)* *) 7,000 Hours Lamp Life is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode
Keystone Correction	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes
Audio	One Internal Speaker with 2 watts Output
Weight	5.5 lbs (2.5 Kg)
Dimensions	280 x 230 x 84 mm (11" x 9.1" x 3.3")
Remote Control	IR remote control with PgUp/PgDn functions
Digital Zoom	2X
PIP	N/A
Lens Shift	N/A
Wireless Capability	N/A
Battery	N/A
Battery Life	N/A
Power Supply	AC input 100~240V auto-switching power supply
Power Consumption	246 Watts (Operation), <1 Watts (Standby)
Operating Temperature	0°C ~ 35°C / 32°F ~ 95°F
Operating Humidity	80%RH (Max.)
Noise Level	30 dBA (Standard mode), 26 dBA (ECO mode)
Uniformity	85%
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 PC Audio (Stereo mini jack) x 1

Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (Mini DIN) x 1
Network Interface	
Standard Accessories	AC power cord VGA cable Remote control Battery for remote control Lens cap User's guide (CD-ROM) Quick start guide Security card
Other Features	
Native Aspect Ratio 	**4:3**
Lamp Life	**Up to 7,000 hours of lamp life** the maximum offered saves lamp replacement costs and allows long-term, dependable projector use.
Contrast	**10000:1**
DynamicBlack™	**DynamicBlack™ (Lamp)** DynamicBlack™ technology dramatically improves image contrast by using dynamic lamp power adjustment according to the analysis of content frame by frame. Acer projectors featuring this technology dynamically adjust dark scenes to optimal black levels while maintaining the original brightness of bright scenes, resulting in the most vivid image quality and a very high contrast ratio of up to 10000:1.
Noise Level	**Low Noise Level** An ultra-low noise level ensures that the audibility of presentations and entertainment won't be affected.
ColorBoost 	**Acer ColorBoost Technology** Featuring an optimized 6-segment color-wheel design, powerful image processing, and advanced lamp illumination technology Acer ColorBoost technology provides incredible color performance, never before seen in conventional projectors. Brilliant color with a high contrast ratio presents ultra-vivid images for business presentations, educational purposes, and home entertainment.
ColorBoost II 	**Acer ColorBoost II Technology** Acer ColorBoost II is the next generation of ColorBoost performance enhancement technology for Acer projectors — all of which feature a six-segment color wheel for business presentations, educational purposes and entertainment in any venue. Acer ColorBoost II includes the following advancements: o Acer Best Color Tracking technology delivers enriched details, smoother gradation and brighter natural colors. An HSG color tuning engine boosts color saturation for more lifelike skin tones and unsurpassed color reproduction. Input signal consistency optimizes multimedia performance for different scenarios and environments. o Acer's proprietary lamp waveform design maximizes the brightness level. With these powerful new features, Acer ColorBoost II technology presents ultra-vivid images in brilliant color for business presentations, educational purposes, and home entertainment.

ColorBoost II+	**Acer Color Boost II+ Technology** ColorBoost II+ is a advanced which refines the waveform to improve optical color performance based on lamp spectrum and color wheel properties. ColorBoost II+ brings (1) Natural color temperature: Improving natural color temperature from a refined waveform to achieve optical color balance. (2) Content-based color brightness improvement: Combining Acer eView Management which offers varied scenario modes with color-specific refined waveform to improve color brightness according to content
SpectraBoost	**Acer SpectraBoost Technology** With Acer SpectraBoost technology, Acer projector performs 30% of NTSC color gamut increment, delivering outstanding color saturation among all competitor's products. Via the enhancement of color saturation, Acer projector provides most vivid and colorful image quality, no matter for a commercial presentation or a video playback.
SmartFormat	**Acer SmartFormat Technology** Conveniently supports comprehensive wide-format PC signals. Users no longer need to worry about annoying "Signal not supported" issues, nor must they change the resolution of their wide-format notebook.
EcoProjection	**Acer EcoProjection Technology (ExtremeECO)** Acer EcoProjection is a complete environment-friendly power management solution that reduces standby power dramatically. With ExtremeECO feature, projector will automatically enter ExtremeECO mode for saving power if there is no any signal input. The power consumption can be reduced up to 70%. Also featured in the Acer EcoProjection suite is Acer ePower Management for customized power-saving configurations.
ColorSafe II	**ColorSafe II** Acer projectors featuring ColorSafe are virtually immune to color decay, such as the yellow or green tint on images displayed by some projectors that have been used for extended periods of time. Acer projectors take advantage of DLP® technology and also Acer unique color compensation technology on the optical components to guarantee picture integrity despite prolonged use. The extended lifespan and consistent image quality lower the total cost of ownership and translate to big savings.
Empowering Technology	**Empowering Key** Featured on the remote control or projector control panel, the Empowering Key provides instant access to eProjection Management (on wireless models only), eView Management, eTimer Management and eOpening Management.
eTimer	**Acer eTimer Management** A digital clock that can be set by the user and displayed onscreen for convenient reference keeps presentations going at the right pace. Acer eTimer Management also features a visual countdown and alarm, or countdown alone, to warn the presenter when time is up.
Acer eView Management	**Acer eView Management** With Acer eView Management, adjusting projector settings to suit any environment and any type of content is fast and easy. Eight factory or user-defined presets instantly configure color, brightness and contrast to deliver best-quality images.
Wall-Color Compensation/Black Board Mode	**Wall-Color Compensation** The wall-color compensation feature enables the projector to display colors accurately even when the image is projected on a colored wall. The user simply has to choose the wall color in the OSD menu, and the projector intelligently compensates the color of the displayed image.
ePower	**Acer ePower Management** Acer ePower Management provides quick configuration of power management options, including controls for ECO Power On/Off, High Altitude mode and Auto Shutdown.
High Altitude Mode	**High Altitude Mode** Since air density at high altitudes is low, a projector operating at elevated levels may automatically shut down to protect itself from overheating. High Altitude mode allows the projector to operate with faster fan speeds, thus preventing any damage even at higher altitudes.
Top Loading Lamp	**Acer Top-Loading Lamp Design** The lamp module is now top-loaded, as opposed to the conventional bottom-loading design. Hence, even when the projector is ceiling-mounted, the user can easily replace the lamp module without detaching the projector from the ceiling.

Installation Menu	**Installation Menu** With the Installation menu, signal input from a notebook is no longer required to enable the OSD menu, making projector installation on the ceiling faster, easier and more convenient.
2X D-Sub	**Dual D-Sub Input** A projector equipped with two sets of D-sub connectors allows dual-PC source input for more flexible connectivity and instant switching.
Multi-PC Connectivity	**Multi-PC Connectivity** A projector equipped with two D-Sub connectors for multiple-PC source input offers more flexible connectivity and instant switching.
Instant Pack	**Instant Pack** If the user is in a hurry to leave, the power cord can be unplugged right after the projector is turned off, without any resulting damage. There's no need to wait for a cooling period; the user can pack up the projector and leave immediately.
Auto Shutdown	**Auto Shutdown** The projector automatically performs a safety shutdown if it does not receive input for a certain time. The shutdown interval can be changed via the OSD.
Quick Start	**Quick Start** The projector starts projecting within 15 seconds after power button being pressed
Quick Detection	**Quick Detection** Detects input signals as soon as a source is connected, eliminating time spent signal scanning.
SmartDetection	**SmartDetection** With the intelligent signal priority control, the signal detection time can be reduced dramatically.
PIN Security	**PIN Security** A feature that enables projector password control, preventing the projector from unauthorized use, and reducing the possibility of the projector being stolen.
Digital Zoom and Pan	**Digital Zoom and Pan** Digital Zoom and Pan lets the user easily magnify interesting details of displayed content and move the magnified image to a preferred location.
ECO Mode	**ECO Mode** Enable ECO (economic) mode when the ambient light does not necessitate full illumination. ECO mode can extend the lifespan of lamp, reduce noise and power consumption.
ExtremeECO	**ExtremeECO** The world leading ExtremeECO technology enables the breakthrough of lamp power control with the capability of dimming lamp down to 30% of full lamp power. The projector will automatically enter ExtremeECO mode for saving power if there is no any signal input. With ExtremeECO, the power consumption of the projector can be reduced up to 70% and the lamp life can be extended as well.
Loop Through	**Loop Through** A D-sub output port allows another device, usually a monitor or another projector, to be connected to the projector for dual displays.
Built-in Speaker	**Built-in Speaker** A built-in speaker enhances presentations and video entertainment with nice sound.
RS-232	**RS-232** A serieral port for advanced control and monitoring via system manager
Vertical Keystone Correction	**40° Vertical Keystone Correction** Elevated projection can result in a "pointing up" or "pointing down" effect. With the keystone correction feature, Acer projectors correct vertical distortions of up to 40°, so the audience sees a rectangular image rather than one with a wider top/bottom, even if the projector is placed above or below the screen.
Microsoft Vista® Compliant	Acer projectors are compliant with the most up-to-date Microsoft Vista® operating systems.

Dust Filter 	**Dust Filter (Optional)** In general, a DLP® projector does not require a dust filter due to its excellent optical structure, but for some very dusty regions, the detachable dust filter can protect the projector and prevent reduced optical performance caused by dust accumulation.
3X Color Wheel Rotation Speed 	**3X Color Wheel Rotation Speed** Acer projectors support PAL video signals, which operate at only 50 Hz frequency. Under this low frequency, projector increases the speed of the color wheel rotation from 2X (6000 rpm) to 3X (9000 rpm) resulting in consistent colors and seamless video playback without the rainbow effect.
Closed Captioning 	**Closed Captioning** With closed captioning, the interpretive text, which indicates the dialogues and non-speech elements, can be displayed on a video or television simultaneously. A closed captioning device is no longer required. Closed captions assist comprehension of a video for hard of hearing individuals. It also help for lauguage learning.
Instant Resume 	**Instant Resume** This advanced feature allows the projector to resume projection right after it has been turned off. Users can turn the projector on and off any time during the 2-minute shutdown progress, so they don't have to worry about accidentally turning off the projector or wait for a long cooling period before resuming projection.
Microsoft Windows 7® compliant	Acer projectors are compliant with the most up-to-date Microsoft Windows 7® operating systems.
DLP 3D ready	**DLP 3D ready (PC only)** With DLP 3D ready, user can view any 120 Hz 3D frame sequential content from a PC with appropriate 120 Hz graphic card and 3D stereoscopic player by wearing a DLP 3D glasses